

HOME LIBRARY

AUG 02 1979

I.F.A.S. Univ. of Florida

AGRICULTURAL LIBRARIES INFORMATION NOTES

VIEWTRON

Knight-Ridder Newspapers (KRN) Inc. will launch in 1980 a pilot test to assess U.S. consumer interest in an electronic home information system. The system will be called VIEWTRON. KRN has formed a new subsidiary, Viewdata Corporation of America, Inc., to administer the project.

Families participating in the test will be supplied with special television sets adapted to make them function as video display terminals. These sets will permit users to call up on the screen a wide variety of textual information useful in everyday life.

The information available on the screen will include such material as local, national and international news, weather information, sports results, calendars of local information, lists of adult education courses, product ratings, local movie, restaurant and theater schedules, boating and fishing information and other useful facts. The project will also test advertising applications of the computerized information bank. This is an adaptation of the British viewdata concept to the United States market.

Information available to participants in the KRN trial will be stored and updated in the new KRN computer center in Miami. This center will be linked to color video display terminals in the homes through the existing telephone network.

The initial test will be conducted over six months beginning in the late spring or summer of 1980. The project had been in the planning and development stage for two years and has included visits by KRN staff members to England, France, Germany and Japan to study systems similar to the one planned by KRN.

The pilot project is expected to include 150 to 200 families in the Miami area. The cost to Knight-Ridder over the next two years, will be around \$1.3 million.

In order to learn as much as possible about interactive home information systems, KRN is also participating in the British Prestel market trial as a provider of information. KRN is providing to Prestel a wide range of information about Miami aimed primarily at potential tourists. This includes information about Miami's weather, geography, transportation, medical services, fishing, outdoor sports, restaurants and hotels, cruises, etc.

---Extracted from Knight-Ridder
Newspapers, Inc. News Release
4/17/79.

OASIS: OUTLOOK AND SITUATION INFORMATION SYSTEM

A New Agricultural Data Base

OASIS, prepared by Economics, Statistics, and Co-operative Services, U.S. Department of Agriculture, provides economic intelligence on the agricultural sector to public and private decision makers. Included in the system are data on major domestic commodities, foreign production, U.S. and foreign trade, and aggregate agricultural indicators, and, also means of assessing and weighing the interactions between the United States and foreign agricultural sectors, between the various agricultural commodities, and between the agricultural and nonagricultural sectors of the domestic economy.

It contains an active subsystem for displaying tabular, textual, and graphical information. Standard tables, graphs, and texts may be intermixed with ad hoc displays in a multitude of formats to provide full-scale reports or briefs. Changes can be made at the last minute and a polished product can still be provided. Consequently, standard or highly tailored reports can be produced to support outlook and situation work as well as special analyses.

OASIS provides the nonexpert user with comprehensive up-to-date reliable information. Data can be easily retrieved, for use in calculations, equation estimation, and model simulation. The software design allows inexperienced users to produce readable tables, graphs, and text output in standard formats. The system tolerates errors in the sense that mistakes rarely destroy previous work. Because it will provide instructions when queried, OASIS acts partly as a teaching machine to its users.

OASIS may be accessed at the Reference Branch, TIS/SEA/USDA, Beltsville, Md. 20705; telephone (301) 344-3704 and at the D.C. Branch Library TIS/SEA/USDA, Room 1052 South Building, Washington, D.C. 20250; telephone (201) 447-3434.

Non-USDA personnel may request OASIS services through Charles Overton, ESCS/USDA, Room 206, 500 12th St., S.W., Washington, D.C. 20250.

—Extracted from "OASIS: An Overview" in *Agricultural Economics Research* 30(3): 1-7, July 1978.

NAL FIELD LIBRARY RECEIVES DEPARTMENTAL HONOR AWARD

The Library Staff of the Pacific Southwest Forest and Range Experiment Station, USDA Forest Service, Berkeley, California, received a Superior Service award at the 33rd Honor Award Program, Wednesday, May 23, 1979. The Award was given for "leadership in establishing WESTFORNET, a 17-State technical information network, providing service to thousands of professional resource managers in the Forest Service and cooperating Federal, State and private agencies."

On hand to receive the award, presented by Secretary Bergland on behalf of the library staff, was Theodor B. Yerke, librarian of the PSW Station and coordinator of the WESTFORNET program. The WESTFORNET services now include seven Forest Service regions and four research stations.



WORLD NEWS REPORT

United Press International has announced that UPI's world news report will become available to owners of home computers under an agreement between UPI and Telecomputing Corporation of America of McLean, Va.

UPI's full news report will be delivered at high speed into a TCA computer at Silver Spring, Md. Home computer users will be able to connect with the computer by dialing a local telephone number in most cities in the U.S. Once connected with the computer, the home user will call out items of particular interest by punching simple codes on a key pad.

TCA will also provide such services as electronic mail, business packages and a library of 2,000 programs to home computers.

SCID AND EGERTON COLLEGE IN NJORO, KENYA

Arlene E. Luchsinger
Science Library
University of Georgia Libraries

The Southeastern Consortium for International Development (SCID) (see ALIN 3(6):21) has signed a contract with the government of Kenya to develop and build a program to improve Egerton College, Njoro, Kenya. Egerton College has about 800 students from 13 African nations. The project, using \$30 million funded by the Kenya government, is designed to improve the curriculum in agriculture and veterinary medicine. Selected faculty members from SCID universities in the United States will participate in short- or long-term assignments at Egerton College. The SCID universities directly involved in the project are Mississippi State University and Virginia Polytechnic Institute and State University.

SHORT-TERM TEAM EXCHANGES UNDER THE US-USSR AGRICULTURAL AGREEMENTS

The US-USSR Agreement on Cooperation in the Field of Agriculture was signed on June 19, 1973, and renewed for a five-year period which began June 1978. This is a government-to-government exchange program administered by the U.S. Department of Agriculture and the Soviet Minister of Agriculture. The Agricultural Agreement is implemented by a Joint Committee which meets annually, chaired at the level of Assistant Secretary (Dr. Dale E. Hathaway) and Deputy Minister (Dr. Boris A. Runov). The Joint Committee consists of two Joint Working Groups--the Working Group on Agricultural Economic Research and Information and the Working Group on Agricultural Research and Technological Development. These groups are primarily responsible for formulating programs for cooperative work under the terms of the Agreement. In turn, each Working Group has four project areas. Economic Working Group project areas include: Economic Information Exchange; Agribusiness; Forecasting; and Library Exchange. Under the Research and Technology Working Group, the four project areas are: Plant, Soil and Animal Sciences and Mechanization.

A primary objective under the Agricultural Agreement is to establish and maintain contacts with a wide range of Soviet institutions and specialists through short-term exchange visits of teams of specialists and scientists to study agricultural economics and research and technology. Soviet interests and possible directions for their own agriculture are indicated by the types of teams they have sent. Members of U.S. teams represent a research resource for researchers on Soviet agriculture. In some cases these teams have prepared published reports. Information on the composition of U.S. teams and reports is available from the office of David Schoonover, Director, Centrally Planned Economics Division, Foreign Agricultural Service, United States Department of Agriculture, Washington, D.C. 20250, (202-447-2262).

For details on areas of joint work see *Newsletter for Research on Soviet & East European Agriculture*, no. 1, Feb. 1979.

UNIVERSITY

OF

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TO HOST AGRICOLA ONLINE COURSE

The Technical Information Systems, Science and Education Administration is sponsoring a five-day workshop to train librarians and information specialists in the utilization of its AGRICOLA bibliographic data base in an online mode. Charles L. Gilreath, who compiled the CAIN ONLINE USERS MANUAL, will teach the course with the aid of terminal instructors.

The course will be held July 30-August 3 at the Illini Union Building, University of Illinois, Champaign-Urbana, IL.

Twenty persons will be accepted in the course. Applicants must be professional librarians or information specialists with advanced academic degrees. The course is introductory to the use of AGRICOLA; no prior terminal experience is required. The course will provide extensive lecture, exercise, and terminal experience with commercial systems offering AGRICOLA. All equipment, manuals and instructions will be provided. Persons wishing to attend the course should submit their names on letterhead stationery by July 20 to:

Reference Branch, TIS
National Agricultural Library
Beltsville, Maryland 20705

Please indicate in letter which of the three systems--Lockheed, Systems Development Corporation, or Bibliographic Retrieval Service is of most interest.

Emergency telephone reservations, or inquiries, may be made by calling (301) 344-3834. Registrants will be responsible for their lodging, meals, and transportation. A LIST OF LODGINGS WILL BE SENT TO REGISTRANTS.



The titles listed below are owned by the Library; those lacking call numbers have not yet been cataloged.
The foreign, as well as domestic titles are available from the Library through loan or photocopy.

Aquaculture and Hydroponics: 1968-1978. Charles N. Bebee. Beltsville, Md., U.S. Dept. of Agriculture, Science and Education Administration, Technical Information Systems, 1979. 71 p. (Bibliographies and Literature of Agriculture, BLA-2). Limited number of free copies available. Send self-addressed mailing label to Reference Branch, Room 302, NAL Bldg., TIS/SEA/USDA, Beltsville, Md. 20705. Automatically distributed to depository libraries. For sale (\$3.50) from Superintendent of Documents, Wash. D.C. 20402.

Bibliography of Nematodes of Citrus. (Supplement to ARS-S-68, Oct. 1975.) 11 p. March 1979. Science and Education Administration, U.S. Department of Agriculture. Send requests to: U.S. Horticultural Research Laboratory, 2120 Camden Road, Orlando, Florida 32803.

Deuteromycetes and Selected Ascomycetes That Occur on or in Wood: An Indexed Bibliography. General Technical Report FPL 24. 1979. 165 p. Forest Products Laboratory Forest Service. U.S. Department of Agriculture, Madison, Wisconsin. Send requests to: Forest Products Laboratory, Forest Service, U.S. Department of Agriculture, P.O. Box 5130, Madison, Wisconsin 53705.

Population Dynamics of the Gypsy Moth: An Annotated Bibliography. June 1978. 124 p. N.E. Forest Service General Technical Report, N.E.—48. Send requests to: Forest Service, U.S. Department of Agriculture, Northeastern Forest Experiment Station, 370 Reed Road, Broomall, Pennsylvania 19008.



Clearance has been granted to compile the following bibliographies:

Big Game, Birds, Herps and Fish. Collier Bevins. For information contact: U.S. Forest Service, Intermountain Forest and Range Experiment Station, Northern Forest Fire Laboratory, Drawer G, Missoula, Montana 59806.

Small Mammals and Predators. Dr. Catherine H. Ream. U.S. Forest Service, Intermountain Forest and Range Experiment Station, Northern Forest Fire Laboratory, Drawer G, Missoula, Montana 59806.

Impact of Backcountry Recreationists on Wildlife. Dr. Catherine H. Ream. For information contact: U.S. Forest Service, Intermountain Forest and Range Experiment Station, Forest Sciences Laboratory, Drawer G, Missoula, Montana 59806.

QUICK BIBLIOGRAPHY SERIES

The bibliographies in this series are primarily computerized online or batch bibliographies emanating from searches performed by the TIS Reference Staff in response to customer requests.

Searches are selected for inclusion based on the currency of the topic, interest among clientele, relative length (approximately 150 citations or more) and probable value to a larger audience. All titles in this series will be listed for four months. Revisions or updates will be renumbered and reannounced. Only one copy of a title will be sent; however, requestors may make copies. To request a copy of a Quick Bibliography send the title, series number, and a return addressed label to:

Reference Division
Technical Information Systems, SEA, USDA
National Agricultural Library Building
Beltsville, MD 20705

NAL — BIBL. — 79-01. *Animal Scabies, 1969 - 1978.* 206 citations from AGRICOLA. Search by I. Jesse Ostroff. January 1979.

NAL — BIBL. — 79-02. *Hydroponics and Soilless Cultures, 1969-May 1978.* 131 citations from AGRICOLA. Search by Henry Gilbert. February 1979.

NAL — BIBL. — 79-03. *U.S. Small Farms and Farmers, 1969-November 1978.* 127 citations from AGRICOLA. Search by David Hoyt. January 1979.

(Continued on page 6, col. 1)

NAL -- BIBL. -- 79-04. *Irrigation Scheduling, 1969-November 1978*. 183 citations from AGRICOLA. Search by Jayne MacLean. January 1979.

NAL -- BIBL. -- 79-05. *Mulches, 1969-November 1978*. 303 citations from AGRICOLA. Search by Ruth Pyne. February 1979.

NAL -- BIBL. -- 79-06. *Consumer Issues, Problems, and Awareness, 1969-November 1978*. 217 citations from AGRICOLA. Search by David Hoyt. March 1979.

NAL -- BIBL. -- 79-07. *Water Pollution from Agricultural Lands*. 227 citations from AGRICOLA. Search by David Hoyt. March 1979.

NAL -- BIBL. -- 79-08. *Aquatic Weeds, 1974-September 1978*. 366 citations from AGRICOLA. Search by Jayne MacLean and Charles N. Bebee. March 1979.

NAL -- BIBL. -- 79-09. *Contagious Equine Merititis, 1972-1978*. 37 citations from AGRICOLA. Search by I. Jesse Ostroff. April 1979.

NAL -- BIBL. -- 79-10. *Herb Gardening, 1970-1978*. 112 citations from AGRICOLA. Search by Jayne MacLean and Ann Juneau. April 1979.

NAL -- BIBL. -- 79-11. *Floras of Asia, 1969-1978*. 182 citations from AGRICOLA. Search by Ann Juneau. April 1979.

NAL -- BIBL. -- 79-12. *Water Resource Allocation, 1968-1978*. 296 citations from AGRICOLA. Search by Jayne MacLean. April 1979.

NAL -- BIBL. -- 79-13. *Beekeeping and Apiculture, Monographs and Bibliographies, 1970-1978*. 114 citations from AGRICOLA. Search by David Hoyt. April 1979.

NEW PUBLICATIONS OF NOTE



Food Safety Policy: Scientific and Societal Considerations. Part 2 of a Two-Part Study. Panel II, Food Safety Regulation and Societal Impact, Committee for a Study on Saccharin and Food Safety Policy; Institute of Medicine, National Academy of Sciences; and Assembly of Life Sciences, National Research Council (Committee for a Study on Saccharin and Food Safety Policy, March 1, 1979; 594 p.; available from National Technical Information Service, Springfield, Va. 22161; PB 292 069).

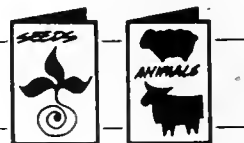
International Agricultural Librarianship: Continuity and Change. Edited by Alan Fusonie and Leila Moran. Proceedings of an International Symposium held at the National Agricultural Library November 4, 1977. Westport, Conn., Greenwood Press, 128 p. ISBN 0-313-20640-6. \$18.85

Merchants of Grain. Dan Morgan. New York, Viking, 1979. 387 p. \$14.95.

Plant Genetics Resources--Conservation and Use. National Plant Genetic Resources Board, USDA. March 1979. Free. Limited number of copies available from Charles F. Lewis, Executive Secretary, Room 307A, Bldg. 005, SEA-AR, USDA, Beltsville, Md. 20705.

Sheep Breeding. Editors: G. J. Tomes, D. E. Robertson and R. J. Lightfoot. Revised by: W. Haresign. 2nd Edition, Woburn, MA, Butterworths, 1979, 576 p. (Studies in the Agricultural and Foods Sciences Series), \$67.50.

NEW SERIALS RECEIVED AT NAL



Contemporary topics in polymer science. New York, London, Plenum Press, v. 1, 1978 -- QF380.C68

Environment international. Oxford, New York, Pergamon Press. v. 1, no. 1/2, 1978 -- TD169.E54

Formulary of paints and other coatings. New York, Chemical Pub. Co., v. 1, 1978 -- TP934.F6

Theoretical chemistry. New York, Academic Press, v. 4, 1978 -- QD455.T49

Sludge magazine. Silver Spring, Md., Publishers v. 1, no. 1, Jan./Feb. 1978 -- TD767.S59

**AGRICULTURAL
TRANSLATIONS**



Technical Information Systems reviews titles before translations are made in order to avoid duplication within USDA. We also receive copies on deposit often far in advance of their listings in the standard bibliographic tools. This column is an alert to selected new receipts at TIS. These items are available to USDA personnel upon presentation of a loan request (AD-245) with the identification: TRANS. No. _____ along with the citation. Non-USDA persons may request photo-duplication at the rate of \$2 for each 10 pages or fraction thereof per citation. TRANS. No. _____ MUST be on the request. Both types of requests should be sent to:

Lending Division, Technical Information Systems
National Agricultural Library Building
U.S. Department of Agriculture
Beltsville, Maryland 20705

The Technical Translation Number will also be cited for those translations prepared for the U.S. Department of Agriculture and the National Science Foundation under the P.L. 480 program. Copies of these translations may also be ordered from the National Translation Center, John Crerar Library, 35 West 33rd Street, Chicago, IL 60616.

BALOVNEV, V. I. and V. N. SHKRYL'. Study of the Operation of Moldboards With Intensifications. Translated from Russian: *Stroitel'nye i Dorozhnye Mashiny*. 4:24-26, 1978. TRANS. No. 24122.

DZHUMAKULOV, S. B. Influence of the Protective Hood of the Rotary Tiller Rotor on the Indices of Operation of a Rotary Cultivator. Translated from Russian: *Mekhanizatsii Khlopkovodstva*. 6(212) 4-5, 1977. TRANS. No. 24119.

GOLUBKOV, V. I. Infection of Dogs and Kittens With *Sarcocystis* From Chickens and Ducks. Translated from Russian: *Veterinaria*. 77(1) 55-56, 1979. TRANS. No. 24227.

KAZIMIROV, V. A. Elements of the Theory of Furrow Formation by Means of a Double-Disk Soil Opener For Starter Application of Fertilizers. Translated from Russian: *Oroschaemoe Zemledelie i Ovoshchevodstvo Otkrutogo Grunta, V. N. Chichkin i drugii*. 125-131, 1977. TRANS. No. 24126.

KORN, G. and W. MATTHAEUS. Federal Research Institution for Virus Diseases of Animals. Swine-Fever Disease as a Virus Induced Disorder of the Enzyme System: On the Pathogenicity of Suspensions of the Normal Pancreas and of Chymotrypsin (Ogen). Translated from German: *Zbl. Bakt. Hyg.* 238(1) 20-34. TRANS. No. 23965. TT 78-59243/6.

KRAVCHENKO, V. I. *et al.* Methods of Determining The Degree of Compaction of Soil by Machines. Translated from Russian: *Mekhanizatsiya i Elektrifikatsiya Sotsialisticheskogo Sel'skogo Khozyaistva*. 5: 26-28, 1977. TRANS. No. 24132.

NABATYAN, M. P. and D. V. POLOGIKII. Evaluation of Operation of Openers in Terms of Residual Soil Deformation. Translated from: *Mekhanizatsiya i Elektrifikatsiya Sotsialisticheskogo Sel'skogo Khozyaistva*. 5:54, 1978. TRANS. No. 24127.

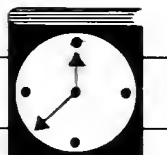
OGRYZKOV, E. P. and V. E. OGRYZKOV. Physical Basis of Stability of Path of Flat Cutting Sweeps In the Longitudinal-Vertical Plane. Translated from Russian: *Sibirskii Vestnik Sel'skokhozyaistvennoi Nauki*. 4:65-71, 1977. TRANS. No. 24166.

SEKI, T., and H. KANNO. Synchronized Control of Early Life in the Abalone, *Halotis Discus Hannai* INO, *Haliotidae*, *Gastropoda*. Translated from Japanese: *Tohokoku Suisan Kenkyujo Kenkyu Hokoku*. TRANS. No. 24080.

SHEININ, N. E. Geometrical Analysis of Working Tools With Horizontal Generatrices. Translated from Russian: *Mekhanizatsiya i Elektrifikatsiya Sotsialisticheskogo Sel'skogo Khozyaistva*. 5: 53-55, 1977. TRANS. No. 24135.

YAMANAKA, H., *et al.* Studies on the Residue of Sulfur Dioxide and the Production of Formaldehyde in the Prawn Treated With Sodium Bisulfite. Translated from Japanese: *Bulletin of the Japanese Society of Scientific Fisheries*. 43(1) 115-120(1977). TRANS. No. 24085.

YANO, I. and Y. OGAWA. Effects of Light, Temperature and Hydrostatic Pressure on Vertical Distribution of Abalone Larvae, *Halotis gigantea*. Translated from Japanese: *Bulletin of the Tokai Research Laboratory*. 91, Oct. 1977. TRANS. No. 24089.



July 29-Aug. 1: RESOURCE-CONSTRAINED ECONOMIES: THE NORTH AMERICAN DILEMMA SOIL CONSERVATION SOCIETY OF AMERICA. 34th Annual Meeting Ottawa, Canada. Contact: SCS, 7515 Northeast Ankeny Road, Ankeny, Iowa 50021.

August 5-10: AMERICAN SOCIETY OF AGRONOMY, CROP SCIENCE SOCIETY OF AMERICA, SOIL SCIENCE SOCIETY OF AMERICA. Joint Annual Meeting, Fort Collins, CO. Contact: Bob Furbee, Public Relations Manager, ASA Headquarters, 677 South Segoe Road, Madison, WI 53711 (608-274-1212)

August 5-12 9th INTERNATIONAL CONGRESS OF PLANT PROTECTION, Washington, D.C. Contact: James G. Horsfall, Connecticut Agricultural Experiment Station, Box 1106, New Haven, CT 06504.

August 19-24: URBAN & REGIONAL INFORMATION SYSTEMS ASSOCIATION CONFERENCE. Contact: Lee P. Johnston, URISA Conference Program Chairman, 823 Monticello Drive, Escondido, CA 92025.

August 27-31: 27TH CONGRESS OF THE INTERNATIONAL UNION OF PURE AND APPLIED CHEMISTRY. Helsinki, Finland. Sponsor: International Union of Pure and Applied Chemistry, Oxford (UK). Contact: Dr. J. Larinkari, Kemian Keskuslitto, P.O. Box 13028, Fabianinkatu, SF-00131, Helsinki 13, Finland.

October 2-4: GRAIN DUST-ITS CHARACTERISTICS, EXPLOSIBILITY, HAZARD CONTROL, AND UTILIZATION-WHERE WE ARE AND WHERE WE ARE GOING. Kansas State University. Contact: Byron S. Miller, U.S. Grain Marketing Research Laboratory, 1515 College Ave., Manhattan, Kansas 66502 (913) 539-9141.

October 3-5: FIFTH INTERNATIONAL CONFERENCE ON VERY LARGE DATA BASES. Rio de Janeiro. Contact: Mr. R. J. Libero, IBM do Brasil, Caixa Postal, 1830-ZC-00, Rio de Janeiro-RJ-20.000, Brasil; or Professor Stanley Y.W. Su, Dept. of Computer and Information Sciences, Univ. of Florida, 512 Weil Hall, Gainesville, FL 32611.

October 14-18: SOCIETY OF AMERICAN FORESTERS 1979 CONVENTION. Boston, Mass. Gen. Inf.: E. F. Robie, SAF, 5400 Grosvenor Lane, Washington, D.C. 20014.

October 15-17: FORESTRY RESOURCES AND DEVELOPMENT IN THE AMERICA SYMPOSIUM. Sponsor: Intersciencia Association, National Council of Scientific and Technological Research of Costa Rica, Association of the Scientific, Technological, and Engineering Community of Canada. Contact: Technical coordinators, Gerardo Budowski of CATIE, Turrialba, Costa Rica or Jack Hodgins, Domtar Inc., Senneville, Quebec, Canada, for further information.

November 1979: INTERNATIONAL SYMPOSIUM ON THE STERILE INSECT TECHNIQUE AND THE USE OF RADIATION IN GENETIC INSECT CONTROL. Contact: John H. Kane, DOE, MS A1-5216, Washington, D.C. 20545 (COMM 301-353-3378)

Nov. 15-16: NATIONAL CONFERENCE ON SOIL CONSERVATION POLICIES. Washington, D.C. Contact: Soil Conservation Society of America, 7515 Northeast Ankeny Road, Ankeny, Iowa 50021.

November 25-29: ENTOMOLOGICAL SOCIETY OF AMERICA. ANNUAL MEETING. Denver, CO. Gen. Inf.: W. P. Murdoch, ESA, 4603 Calvert Road, College Park, MD 20740.

1980

March 3-7: VIth International Association of Agricultural Librarians and Documentalists World Congress. Manila, Philippines. Contact: National Planning Committee, 6th IAALD World Congress, c/o The Library, University of the Philippines at Los Banos, College, Laguna 3720 Philippines

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